

H13-611.32q

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H13-611



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HCNA-Storage (Huawei Certified Network Associate-Storage)

Exam A

QUESTION 1

IP SAN uses underlying optical networks to connect servers and storage systems.

- A. TRUE
- B. FALSE

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Which of the following best describes SDN?



- A. Decoupling of the data plane and control plane in networks.
- B. Using a software program to manage your network.
- C. Using hardware to manage the network.
- D. The virtualization of network services to achieve better efficiency and scalability.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

Storage Pools cannot be created with a single tier of disks.

- A. FALSE
- B. TRUE

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

You need to manually set free disks as hot spare disks in a Huawei OceanStor V3 storage system when you use RAID 2.0+.

- A. FALSE
- B. TRUE

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 5

Situation: Disk Domain A has 40 disks, Disk Domain B has 20 disks. True or False: the rebuild time for a failed disk in Disk Domain B is longer than for a failed disk in Disk Domain A.

- A. TRUE
- B. FALSE

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

Which of the following criteria fits the definition of the Cloud? (Choose all that apply.)

- A. On Demand Self Service
- B. Ubiquitous Access
- C. Shared Pool Of Configurable Resources
- D. Massively Parallel Processing

Correct Answer: ABCD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

What is the main difference between mechanical drives such as SAS with solid state drives (SSD)?

- A. The lifespan of hard drive.
- B. The presence of mechanical parts.
- C. The capacity of hard drive.
- D. The performance of the hard drive.



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

If no data migration plan is set, with SmartTier enabled, there will be no data movement at all between tiers.

- A. TRUE
- B. FALSE

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which of the following technologies are able to quickly obtain valuable information from a variety of data types in a short period of time from a collection of vast amounts of data?

- A. Cloud
- B. Internet Of Things
- C. Social Media
- D. Big Data

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

Based on the new industrial revolution, what are the changes in the trend of ICT? (Choose all that apply.)

- A. ICT is slowly being replaced by other new technologies such as IT and CT.
- B. The initial phases of ICT focuses on office automation but slowly changed towards changing business flows.
- C. ICT trend is changing slowly with little significant changes.
- D. ICT has become the core in the production systems in the recent years.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Statement 1: Multipathing is caused by adding redundant hardware.

Statement 2: Huawei offers a different version of UltraPath for different operating systems.

- A. Statement 1 and 2 are both true.
- B. Both statements 1 and 2 are false.
- C. Statement 1 is false and statement 2 is true.

D. Statement 1 is true and statement 2 is false.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

Which of the following statements about block virtualization technology for Huawei storage systems are correct? (Choose all that apply.)

- A. A CKG is the unit used in applying for space, releasing space, and relocating data.
- B. Data reconstruction efficiency improves significantly.
- C. A RAID group is formed in the unit of physical disks.
- D. Data is distributed to all disks, fully leveraging the read/write processing capability of a storage system.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:



QUESTION 13

Which of the following operating systems supports the CIFS protocol natively?

- A. Solaris
- B. AIX
- C. FreeBSD
- D. Win7

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

Which of the following is a valid protocol for a UNIX-based NAS server? (Choose all that apply.)

- A. CIFS
- B. SMB
- C. Novell Control Protocol
- D. NFS

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

SAN is a storage architecture that connects storage device and application servers through network.

- A. FALSE
- B. TRUE

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

In HUAWEI OceanStor V3, which licensed feature is best described as: periodically detects hotspot data and promotes them from low-speed storage media to highspeed media.

- A. SmartMigration
- B. SmartTier
- C. SmartMove
- D. SmartMotion

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

In an ICT infrastructure the servers can run different operating systems like Windows, Linux, AIX.

- A. TRUE
- B. FALSE

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

Statement 1: A disk drive with a high latency performs better than a disk drive with a low latency.

Statement 2: A smaller seek time means that the disk performs better.

- A. Statement 1 and 2 are true.
- B. Statement 1 is true; Statement 2 is false.
- C. Statement 1 is false; Statement 2 is true.
- D. Statement 1 and 2 are false.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

Match the RAID level with the characteristics. (1)RAID 0 (2)RAID 5 (3)RAID 10 (4)RAID 6 (a) Cost effective (b)Allows double disk failure (c)Highest performance (d) No data protection.



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- A. 1 – d; 2 – a; 3 – b; 4 – c
- B. 1 – a; 2 – d; 3 – b; 4 – c
- C. 1 – a; 2 – b; 3 – c; 4 – d
- D. 1 – d; 2 – a; 3 – c; 4 – b

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



QUESTION 20

What is typical for a DAS solution? (Choose all that apply.)

- A. Sharing of files between DAS solutions is possible via the network.
- B. Consists of a server/host with its locally connected disk drives.
- C. More scaleable in capacity than a SAN solution.
- D. Backups are centrally made on a special backup server.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

Select the correct statements that describes the properties of bus technology in ICT architecture. (Choose all that apply.)

- A. Bus technology are only available in serial form.
- B. Bus can be divided into internal bus and external bus.
- C. The CPU needs to go through the memory to directly access the Bus.
- D. Bus is a communication system that transfers data between internal components and external components.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

What is the purpose of context for data?

- A. Context is optional when collecting and analyzing data.
- B. Context gives comparison between data and information.
- C. Context gives meaning to the data collected. Without context the data is meaningless.
- D. Context is only found in data and not in information.



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

Which of the following is NOT a component in an IP SAN?

- A. iSCSI storage device
- B. Fibre Channel switch
- C. Ethernet switch

D. NIC

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

Which of the following statements about HUAWEI OceanStor V3 SmartTier dynamic storage tiering technology is NOT true?

- A. The SmartTier automatically and dynamically matches data from different activity levels with storage media of different characteristics.
- B. The SmartTier calculates and analyzes the activity level of data.
- C. Data statistics, analysis, and relocation activities of the SmartTier affect service continuity and data availability.
- D. The SmartTier data relocation activities are based on configured policies.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 25

Statement 1: Port zoning is preferred for zoning a FC switch when there are a lot of changes to the patch points.

Statement 2: Alias zoning is a user friendly version of soft zoning.

- A. Statements 1 and 2 are false
- B. Statement 1 is true; Statement 2 is false
- C. Statement 1 and 2 are true
- D. Statement 1 is false; Statement 2 is true

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

What statement about the SATA and SAS technologies is true?

- A. Both SATA and SAS are intelligent protocols with intelligent devices.
- B. Both use full-duplex communication.
- C. Both use serial communication.
- D. SATA and SAS support the same maximum number of devices on the bus.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

Which of the following occurs after multipathing software is installed on a host? (Choose all that apply.)

- A. Improves link reliability and prevents the failure of a single link from causing a system failure.
- B. Sets up connection between a storage device and the host.
- C. Avoids logical errors from occurring in the operating system as a result of multiple reachable paths to the same LUN.
- D. Maps a LUN to the host.

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

Statement 1: We have a RAID5 protected group of disks. The protection level increases if we add more disks to the group.

Statement 2: With a RAID 10 set the number of disks must be greater than 8 to always survive a dual disk failure.

- A. Statement 1 is true and statement 2 is false.
- B. Statements 1 and 2 are both true.
- C. Both statements 1 and 2 are false.

D. Statement 1 is false and statement 2 is true.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

Grid storage employs the combination of large scale serial distributed storage to provide even distribution of storage across all nodes.

A. FALSE

B. TRUE

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

When the RPO is minutes instead of hours the best backup method is traditional Tape backup.

A. TRUE

B. FALSE

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

Statement 1: Disaster Recovery plans eliminate the need for backups on tape or disk.

Statement 2: With the design of the DR plan one should always assume the worst possible scenario.

A. Statement 1 and 2 are true.

B. Statement 1 and 2 are false.

- C. Statement 1 is true; Statement 2 is false.
- D. Statement 1 is false; Statement 2 is true.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

The restore time objective (RTO) specifies the time needed to recover the data and servers after a disaster has occurred.

- A. FALSE
- B. TRUE

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



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